

Dr. Oliver Eidel

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GitHub: [olieidel](#)

General Information

Nationalities: German, U.S.

Date of Birth: 28th May 1990 (Durham, NC)

Languages

German & English (fluent)

French, Swedish, Thai (not fluent)

Interests

Playing the Piano

Going to the gym

Sleep optimization

Publications (14)

Selected, with comments on [my website](#)

Full list on [Google Scholar](#)

Employment

2014 - 2016	Researcher, Doctorate Thesis Neuro-oncologic Imaging Research Group of Dr. Radbruch German Cancer Research Center, Heidelberg, Germany Led a team of two doctors and one software engineer working on improving image post-processing algorithms. Implemented post-processing workflows in MATLAB.
01/2017 – 04/2017	React Native Developer, Medical Advisor phellow seven , Heidelberg An App for patients to manage their medical records. Gave medical advice and developed the Android version of the App.

Programming Experience

2003 – 2005	Developed a German “Paid-Mail” Service in PHP and MySQL. Over 1000 members as of 03/2005 (“Mitglieder”).
2003 – 2009	Helped maintain my highschool homepage, guestbook and forums.
2014	Developed post-processing algorithms for MR (magnetic resonance) images in MATLAB for automatic vessel detection and to assess the correlation between tissue specimen and functional MRI values (diffusion, perfusion).
12/2016	Developed a webapp to visualize solar panel output (GitHub Link)

Education

2009 – 2016	Medical School (University of Heidelberg, Germany) GPA: 2.83 (1 = best, 4 = worst)
2014 – 2016	Doctorate Degree (University of Heidelberg, Germany) Grade: Summa cum laude
2015 – 2016	Practical Year (Heidelberg, Sydney, Bangkok)

Languages and Technologies

Python, JavaScript, Elixir, Java, Clojure

HTML, CSS, SQL, MATLAB

Pandas, NumPy, scikit-learn, Keras,

React (Native), Phoenix, Django

Awards

Highschool graduation prize from the

German Physics Society (2009)

Award for outstanding community service

from the European Medical Students

Association (2016)